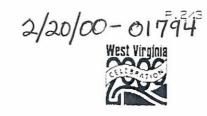


Office of Environmental Remediation 1356 Hansford Street Charleston, WV 25301 (304) 558-2745 (304) 558-3998 (fax)



West Virginia Division of Environmental Protection

Cocil H. Underwood Governor

Michael C. Castle Director

28 February 2000

Mr. Steve Martin Head Installation Restoration Section Atlantic Division NAVFACENGCOM Code 1823 1510 Gilbert Street Norfolk, VA 23511-2699

RE:

Allegany Ballistics Laboratory (ABL) Site 1 Groundwater Treatment Plant Discharge

Dear Mr. Martin:

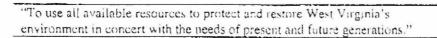
This correspondence is in response to the Navy's 6 January 2000, letter regarding the discharge of ammonium perchlorate (AP) from the groundwater treatment plant at ABL.

As stated in the 17 November 1999, letter from the West Virginia Division of Environmental Protection (WVDEP), the compound is a pollutant as defined by §22-11 the West Virginia Water Pollution Control Act. The Office of Environmental Remediation (OER), acting in its role as the point of contact for this site, conferred with the Office of Water Resources/Industrial Branch (NPDES) and the Office of Waste Management/Environmental Enforcement to determine the adequate approach to address this discharge.

The following shall be implemented and included in the Site 1 long-term monitoring plan:

Monthly:

AP will be sampled and reported as part of the substantive industrial discharge requirements (influent and effluent), for the Site I groundwater treatment plant.





Quarterly:

Establish a steady state effluent flow (a minimum one hour) from the groundwater treatment plant to the river. Delineate the zone of non-detect at the discharge point.

Sample and analyze the 34-groundwater extraction wells for AP and record the extraction rate for each well at the time of sampling. Within 60 days of this first quarterly sampling event for perchlorate, the Navy shall submit a brief report of the sampling results to WVDEP. Based upon this report, WVDEP will evaluate reducing the number of extraction wells to be sampled during the remaining three duarters.

Annually:

WVDEP will evaluate the prior year data and any new guidance/advisories, if necessary the monitoring program will be modified.

At anytime if information becomes available that identifies the discharge from the ABL groundwater treatment plant is a risk to human health and the environment, WVDEP will require prompt and appropriate action to ensure the risk is eliminated.

Future correspondence for this site should be submitted to Mr. Thomas Bass WVDEP's remedial project manager. However, if you have a need to discuss this or other issue(s) with WVDEP management, contact Mr. Donald Martin at (304) 924-6211.

If there are any questions or if you require further clarification on this letter, please contact me at (304) 558-2508 or Mr. Bass.

Sincerely,

Ken Ellison
Chief
Office of Environmental Remediation

cc: Bruce Beach, EPA
John Aubert, NAVSEA
Tom Bass, WVDEP/OER
Lou Williams, NAVSEA
Mike Egnor, WVDEP/OWR

Steve Hoffman, NAVSEA David McBride, NAVSEA John Fairbank, MDE Dawn Hayes, LANTDIV